

ABSTRACT

An ozone purification system for fluids that includes a pump having an inlet for receiving the fluid. The pump includes at least one opening. An expansion tank is in communication with a first of the at least one opening of the pump, wherein the fluid may flow from the pump through the at least one opening to the expansion tank. The system includes an ozone generator having an ozone impregnator, which is in fluid communication with the expansion tank and is adapted to inject an amount of ozone into the fluid. A holding tank is in communication with the pump. A valve is in communication with the pump and includes a first and a second position. The valve directs the fluid to exit the system when valve is in the first position, and the valve recycles the fluid to the expansion tank when the is in the second position.